

Amendments to the Claims:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

1-2 (Canceled).

3 (Previously Presented).

An image capturing apparatus comprising:

an area detection unit configured to detect, on the basis of a captured image of an object photographed based on pre-light emission prior to a main light emission, an edge in the captured image of the object to determine an area occupied by a predetermined shape defined by the edge in the captured image of the object;

a light control area setting unit configured to set a light control area of a light emitting unit in the captured image in accordance with the area determined by said area detection unit;

an arithmetic unit configured to calculate a main light emitting amount in the main light emission in accordance with a photometry value based on the pre-light emission in the light control area of the captured image of the object; and

a control unit configured to control to photograph the object in the main light emission by controlling the light emitting unit on the basis of the main light emitting amount calculated by said arithmetic unit.

4 (Original). The apparatus according to claim 3, wherein the predetermined shape corresponds to a shape of a face of a person.

5 (Previously presented).

The apparatus according to claim 3, further comprising a focusing unit configured to measure a distance to the object to be photographed, and wherein said light control area setting unit sets the light control area in accordance with the distance measured by said focusing unit, and the area detected by said area detection unit.

6 (Original). The apparatus according to claim 5, wherein an irradiation light amount upon the pre-light emission is adjusted on the basis of the distance measured by said focusing unit, a set aperture value, and sensitivity of an image sensing element.

7 (Original). The apparatus according to claim 3, wherein said arithmetic unit calculates an average brightness value based on the pre-light emission in the adjusted light control area, and calculates the main light emitting amount on the basis of the average brightness value.

8 (Previously Presented).

The apparatus according to claim 3, wherein in a case where said area detection unit determines a plurality of areas, said arithmetic unit calculates average brightness values based on the pre-light emission in the respective detected areas, calculates an average value of brightness values of the plurality of face areas from the average brightness values, and calculates the main light emitting amount on the basis of the average value.

9 (Previously Presented).

The apparatus according to claim 5, wherein in a case where it is determined that the area set in accordance with the distance measured by said focusing unit does not match the area determined by said area detection unit, said light control area setting unit adjusts the area in accordance with the distance measured by said focusing unit to the area determined by said area detection unit and sets the adjusted area as a light control area.

10 (Original). The apparatus according to claim 5, wherein the distance is adjusted based on a focusing position of a lens.

11-14 (Canceled).

15 (Previously Presented).

A method of controlling an image capturing apparatus, comprising:

an area detection step of detecting, on the basis of a captured image of an object photographed based on pre-light emission prior to a main light emission, an edge in the captured image of the object to determine an area occupied by a predetermined shape defined by the edge in the captured image of the object;

a light control area setting step of setting a light control area of a light emitting unit in the captured image in accordance with the area determined in said area detection step;

an arithmetic step of calculating a main light emitting amount in the main light emission in accordance with a photometry value based on the pre-light emission in the light control area of the captured image of the object; and

a control step of controlling to photograph the object in the main light emission by controlling the light emitting unit on the basis of the main light emitting amount calculated in the arithmetic step.

16 (Original). The method according to claim 15, wherein the predetermined shape corresponds to a shape of a face of a person.

17 (Previously Presented).

The method according to claim 15, further comprising a focusing step of measuring a distance to the object to be photographed, and wherein the light control area setting step includes a step of setting the light control area in accordance with the distance measured in the focusing step, and the area detected in said area detection step.

18 (Original). The method according to claim 17, wherein an irradiation light amount upon the pre-light emission is adjusted on the basis of the distance measured in said focusing step, a set aperture value, and sensitivity of an image sensing element.

19 (Original). The method according to claim 15, wherein said arithmetic step includes a step of calculating an average brightness value based on the pre-light emission in the adjusted light control area, and calculating the main light emitting amount on the basis of the average brightness value.

20 (Previously Presented).

The method according to claim 15, wherein said arithmetic step includes a step of calculating, in a case where a plurality of areas are determined in said area detection step, average brightness values based on the pre-light emission in the respective detected areas, calculating an average value of brightness values of the plurality of face areas from the average brightness values, and calculating the main light emitting amount on the basis of the average value.

21 (Previously Presented).

The method according to claim 17, wherein said light control area setting step includes a step of adjusting, in a case where it is determined that the area set in accordance with the distance measured in said focusing step does not match the area determined in said area detection

step, the area in accordance with the distance measured in said focusing step to the area determined in said area detection step, and setting the adjusted area as a light control area.

22 (Original). The method according to claim 17, wherein the distance is adjusted based on a focusing position of a lens.

23 (Canceled).

24 (Previously Presented).

A computer readable storage medium storing a program for causing a computer to implement a control method of claim 15.

25-26 (Canceled).